

IN THE CLAIMS:

Please amend Claim 3 as follows.

1. (Previously Presented) A manipulator comprising:  
a plurality of arm members whose attitudes can be changed; and  
a manipulation target object manipulating hand mounted on said plurality of arm members through a connecting portion,  
wherein rotation of said hand or similar motion is caused by changing the attitudes including a parallel state and an intersection state of said plurality of arm members.
2. (Previously Presented) The manipulator according to claim 1, further comprises an actuator being operatively coupled to at least one of said arm members and changing the attitudes of said plurality of arm members,  
wherein the attitudes including a parallel state and an intersection state of said plurality of arm members are changed by controlling said actuator, thereby causing rotation of said hand or similar motion.
3. (Currently Amended) [[A]] The manipulator according to claim 2,  
~~comprising:~~  
~~a plurality of rod-like arm members; and~~

~~an actuator linearly acting to change attitudes of said plurality of arm~~  
~~members,~~

~~wherein the attitudes including a parallel state and an intersection state~~  
~~of said plurality of arm members~~ are changed by expand/contract of said actuator, thereby  
causing rotation of said hand or similar motion.

Claim 4. (Cancelled).